

ABSTRACT OF THE DISCLOSURE

A method of making an array of corner cubes includes the steps of: preparing a substrate, at least a surface portion of which is made of a cubic crystalline material and which has a surface that is substantially parallel to {111} planes of the crystalline material; and patterning the surface of the substrate such that a plurality of solid shape elements defines a predetermined pattern on the surface of the substrate. Each of the solid shape elements is defined by a number of concave portions, a number of convex portions or a combination of concave and convex portions. The method further includes the step of supplying a first active species, including an element that is contained in the crystalline material, onto the substrate on which the solid shape elements have been formed.